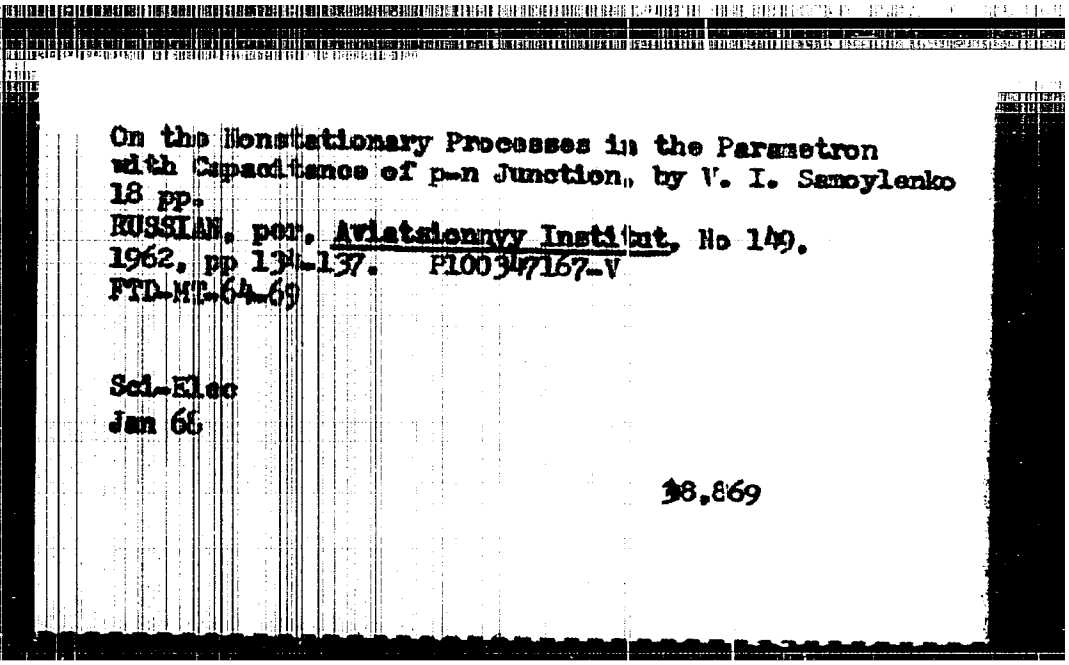
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



On the Nonstationary Processes in the Parametron with Capacitance of p-n Junction, by V. I. Samoylenko 18 pp.
RUSSIAN. por. Aviatsionnyy Institut, No 149. 1962, pp 129-137. F100347167-V
FTD-MT-64-69

Sci-Elec
Jan 66

38,869

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

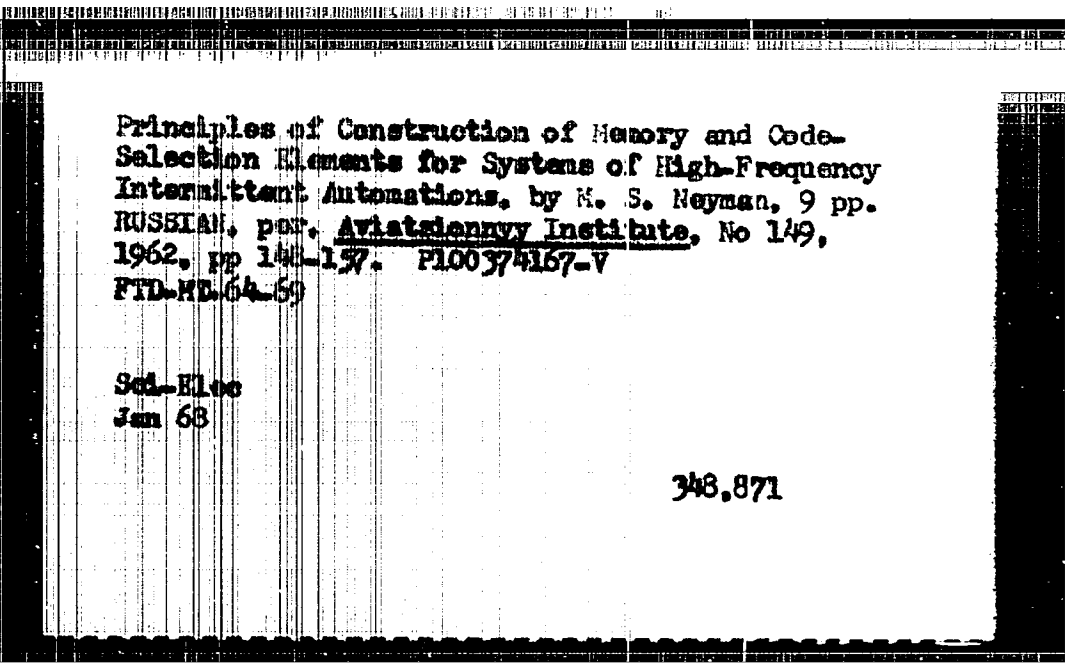
Investigation of Dynamic Processes in Generators of Subharmonic Oscillations Built Around Capacitance of p-n Junction, by V. I. Samoylenko, Ye. M. Zlochevskiy, 14 pp.
RUSSIAN, per. Aviatsionnyy Institut, No 149, 1962, pp 134-147. PIC0347167-V
FTD-HT-64-69

Sci-Elec
Jan 68

348.8170

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



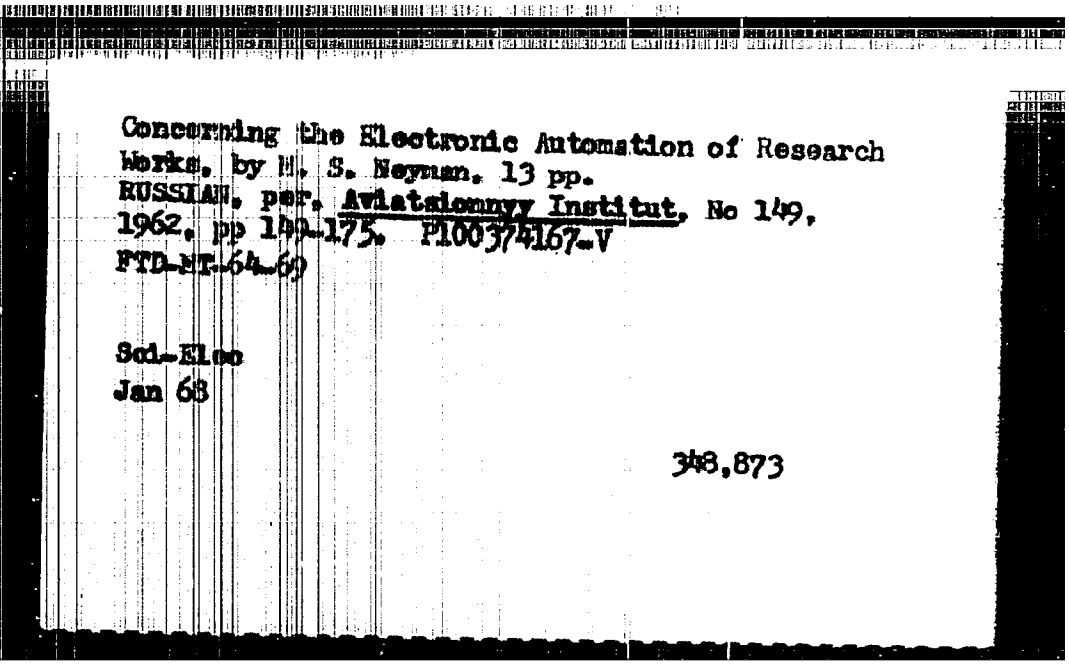
Principles of Construction of Memory and Code-Selection Elements for Systems of High-Frequency Intermittent Automations, by M. S. Neyman, 9 pp. RUSSIAN, por. Aviatsionnyy Institute, No 149, 1962, pp 148-157. PI0037416?-V
FTD-MT-64-59

Sci-Elec
Jan 68

348,871

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



Concerning the Electronic Automation of Research Works, by M. S. Neyman. 13 pp. RUSSIAN, per. Aviatsionnyy Institut, No 149, 1962, pp 149-175. P100374167-V FTD-MT-64-69

Sci-Elec
Jan 68

348,873

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Concerning the Automation of Programming High-Speed Digital Electronic Computer Systems, by M. S. Neyman, 12 pp.
RUSSIAN, per. Aviatsionnyy Institut, No 149, 1962, pp 153-174. P100374167-V
FTD-HT-64-69

Sci-Elec
Jan 68

348,872

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Application and Design of Delay Systems with Cells Arranged in Two Tiers Frequency Scan Antenna,
RUSSIAN; per. Aviatsionny Institut, No 159, 1964, pp 51-85.
*ACSI-K-2338
*FSTC-HT-23-1724-72

Apr 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

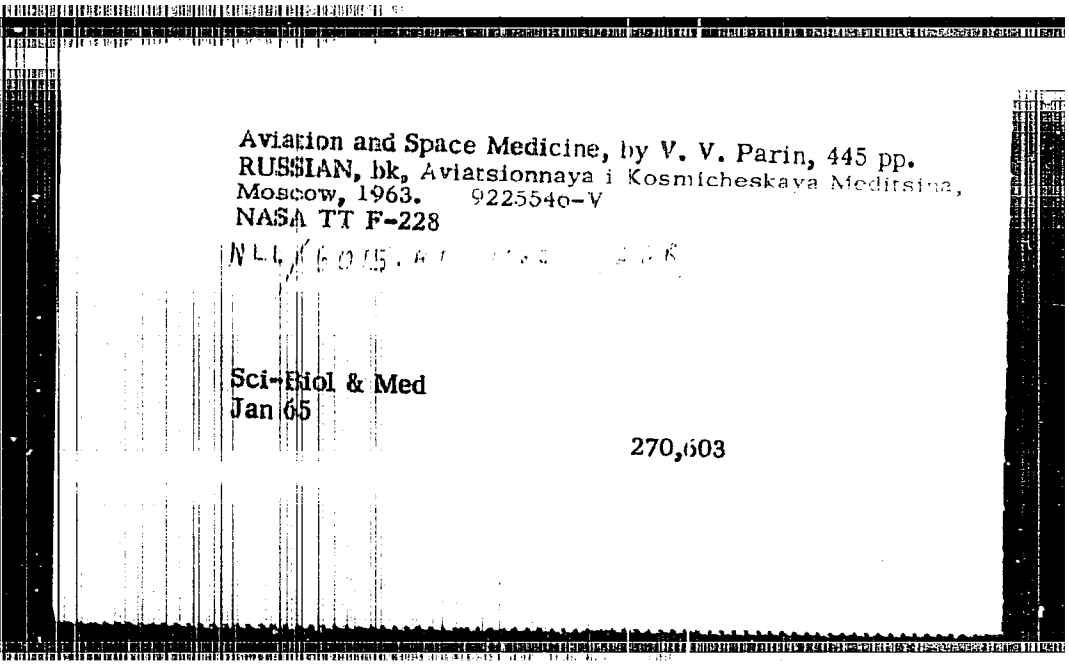
APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Application and Design of Delay Systems with Cells Arranged in Two Tiers Frequency Scan Antenna, 39 pp.
RUSSIAN, per. Aviatsionny Insitut, No 159, 1964, pp 51-85.
ACSI-K-2338
FSTC HT-23-1724-72

June 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



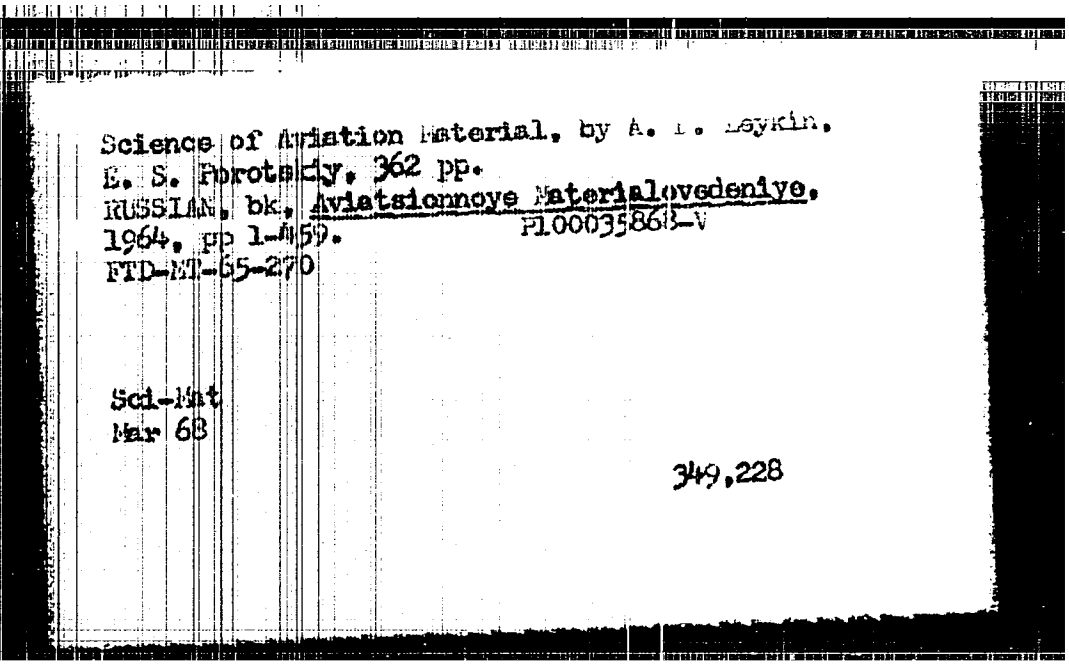
Aviation and Space Medicine, by V. V. Parin, 445 pp.
RUSSIAN, bk, Aviatsionnaya i Kosmicheskaya Meditsina,
Moscow, 1963. 9225540-V
NASA TT F-228

Sci-Biol & Med
Jan 65

270,603

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



Science of Aviation Material, by A. I. Leykin.
B. S. Borotnady, 362 pp.
RUSSIAN, bk, Aviatsionnoye Materialovedeniye.
1964, pp 1-459. FL0003586?-V
FTD-MT-65-270

Sci-Mat
Mar 68

349,228

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Aviation Medicine, by A. A. Lavnikov.

RUSSIAN, bk, Aviatsionnaya Meditsina, Moscow, 1961, 274 pp.

*NASA TT F-129

Sci - Med
9 Jan 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

PRINCIPLES OF THE DISLOCATION THEORY, BY [illegible] P. VOLF, K. P. ROMADIN, 10 PP.

RUSSIAN, BK, AVIATSIONNOYE METALLOVEDENIYE, 1962, PP 125-133.

JPRS 21051

SCI-CHEM
SEP. 63

343,774

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Aviation Physical Metallurgy (Aviation Metal Science Textbook), by S. M. M Vinarov, 291 pp.

RUSSIAN, bk, Aviatsionnoye Metallovedeniye Uchebnoye Posobiye, Ministerstvo Vysshego I Srednego Spetsial'nogo Obrazovaniya RFSR, Moscow, 1962, pp 1-220.
9687073-9

FTD-TT-63 62-1678

Sci - Aero, M/M
Oct 63

345,118

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

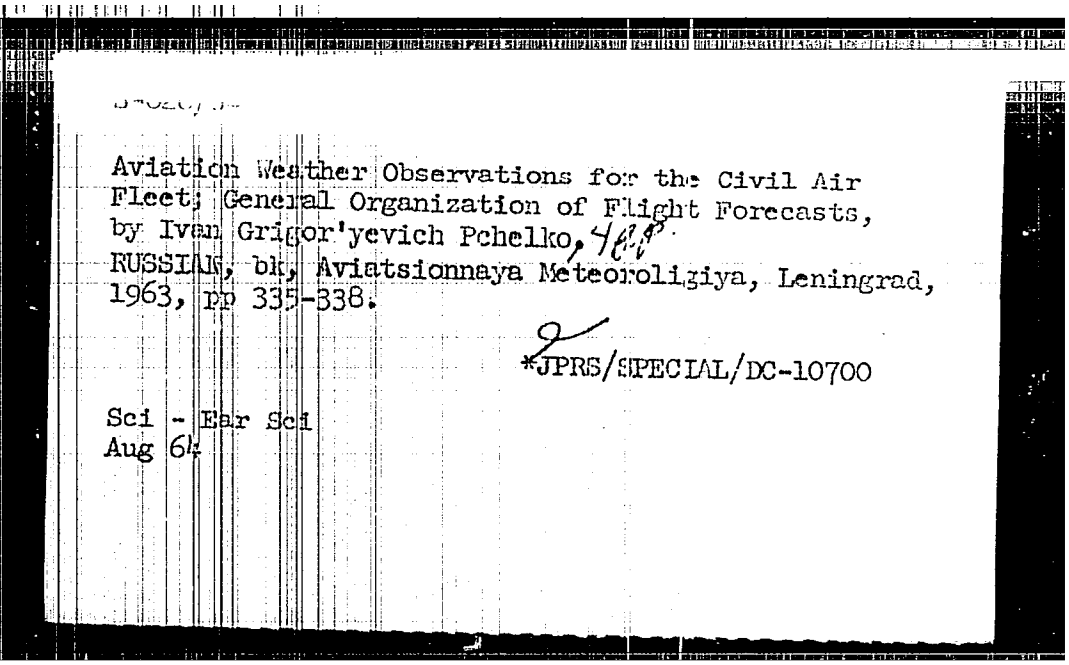
Selected Portions of Aviation Meteorology,
by I. G. Pchelko, 41 pp.
RUSSIAN, bk, Aviatsionnaya Meteorologiya, Leningrad,
1963, pp 26-33; 264-300; 334-343.
ACSI 1-5640
ID 1521299964

Sci - E S & Ast
Nov 64

268,993

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



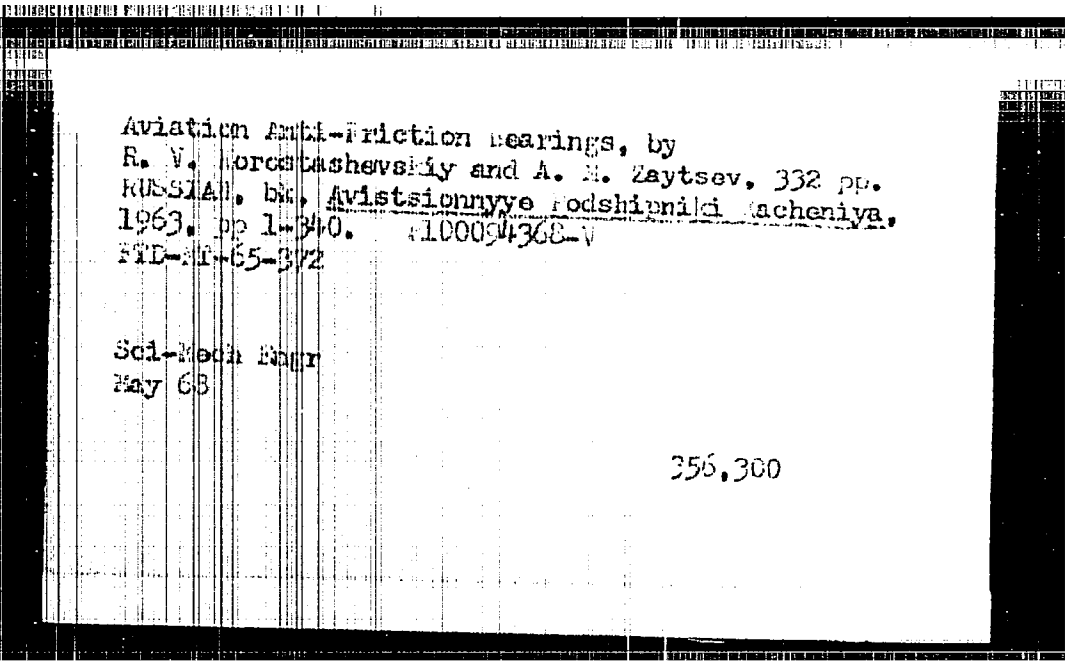
Aviation Weather Observations for the Civil Air Fleet; General Organization of Flight Forecasts, by Ivan Grigor'yevich Pchelko, 4 d.p.
RUSSIAN, bk, Aviatsionnaya Meteorologiya, Leningrad, 1963, pp 335-338.

*JPRS/SPECIAL/DC-10700

Sci - Ear Sci
Aug 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



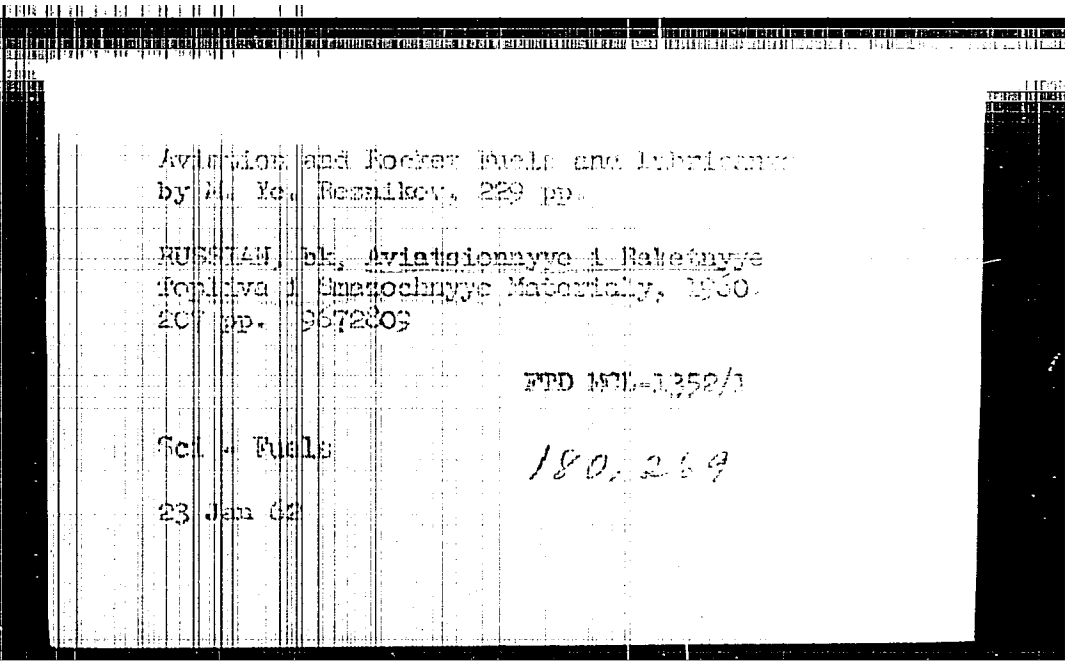
Aviation Anti-Friction Bearings, by
R. V. Korostashevskiy and A. N. Zaytsev, 332 pp.
RUSSIAN, bk, Avistsionnyye podshipniki kacheniya,
1963, pp 1-340. AD610943 [illegible]
FTD-MT-65-372

Sci-Tech Engr
May 68

356,300

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



Aviation and Rocket Fuels and Lubricants
by M. Ye. Resnikov, 229 pp.

RUSSIAN bk, Aviatsionnyye i Raketnyye
Topliva i Smazochnyye Materialy, 1960.
207 pp. 3672803

FTD MTL-TT-352/1

Sci - Fuels

180,269

23 Jan 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Aviation Records of the USSR, by A. D. Vinokurov, A. I. Yegorov, 124 pp.

RUSSIAN, bk, Aviatsionnyye Rekordy SSSR, Moscow, 1960, pp 1-95 9685087
96867738

FTD-TT-63-212

Sci-Aero

Aug 63

342,090

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Soviet All-Union Air Sports Records of January 1, 1954, by A. Vinokurov, 9 pp.

RUSSIAN, bk, Aviatsionnyy Sport, 1955, pp 213-223, publ by DOSAAF Publishing House, Encl to Report No IR-1180-56, AFOIN-1A1, 27 Feb 1956.
CIA D 417694

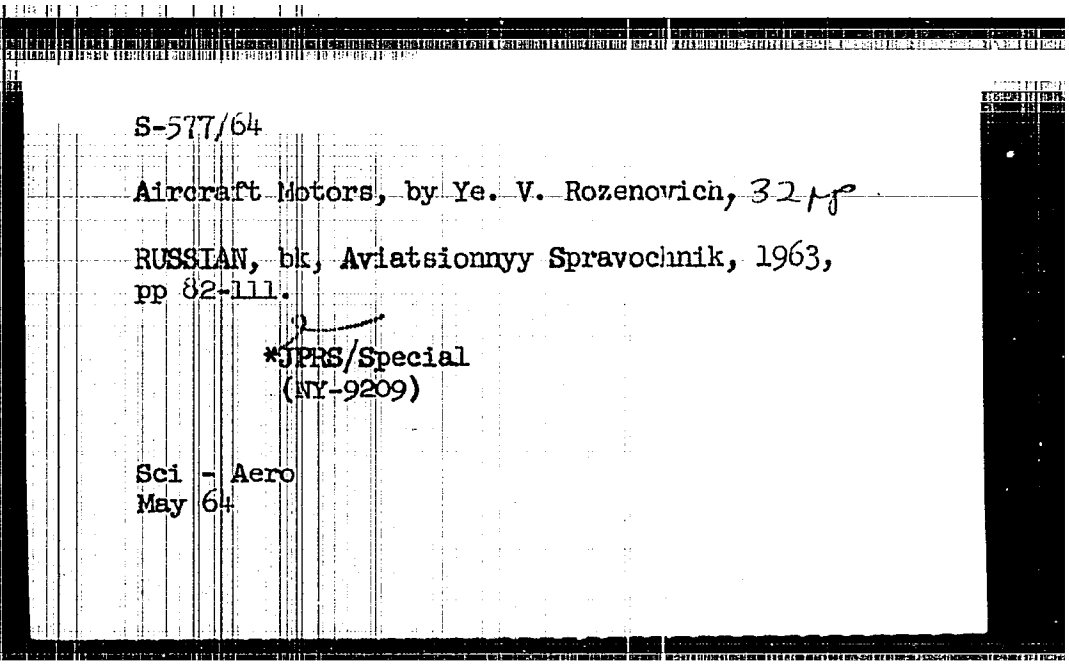
34,027

AF 717545

Scientific - Aeronautics May 56 CTS/DEX

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



S-577/64

Aircraft Motors, by Ye. V. Rozenovich, 32 pp

RUSSIAN, bk, Aviatsionnyy Spravochnik, 1963,
pp 82-111.

*JPRS/Special
(NY-9209)

Sci - Aero
May 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

S-577/64

Airplane Maneuvering, by A. I. Bulatov, 24 pp.

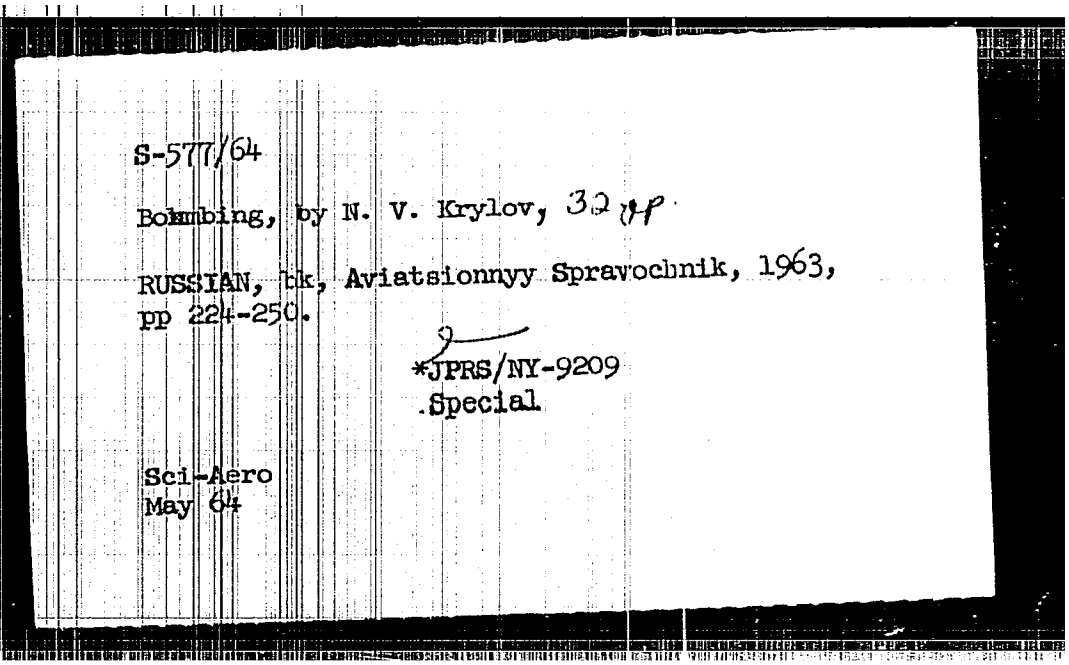
RUSSIAN, bk, Aviatsionnyy Spravochnik, 1963, pp 151-171.

*JPRS/special
(NY-9209)

Sci - Aero
May 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



S-577/64

Bombing, by N. V. Krylov, 32 pp

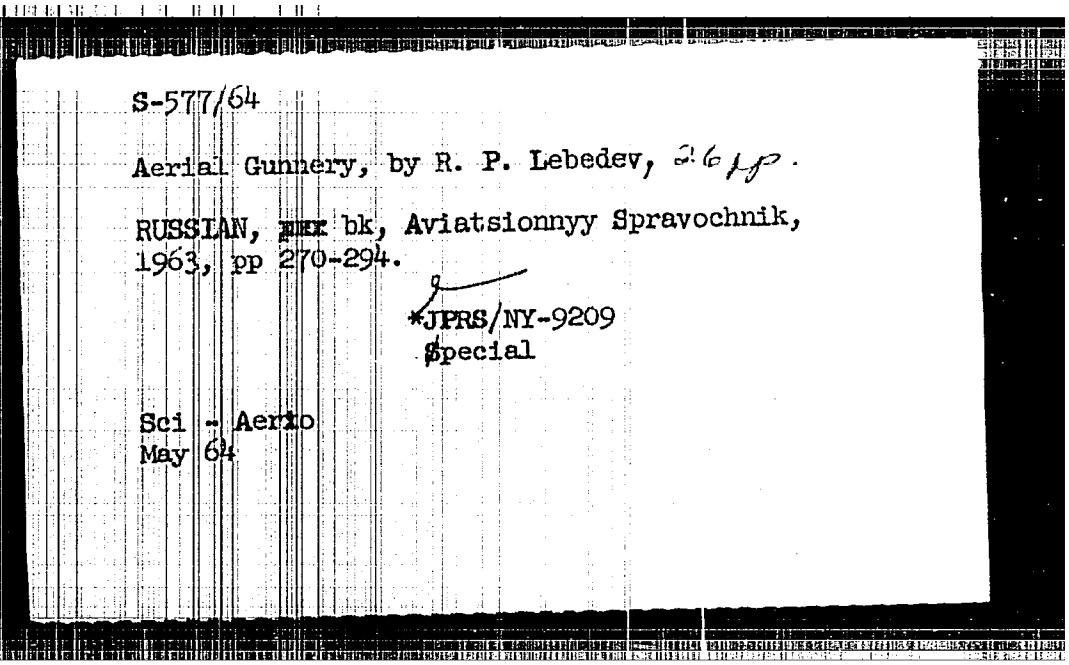
RUSSIAN, bk, Aviatsionnyy Spravochnik, 1963, pp 224-250.

*JPRS/NY-9209
Special

Sci-Aero
May 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



S-577/64

Aerial Gunnery, by R. P. Lebedev, 264p.

RUSSIAN, ~~FEB~~ bk, Aviatsionnyy Spravochnik, 1963, pp 270-294.

*JPRS/NY-9209
Special

Sci - Aero
May 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

S-577/64

Radio Engineering, by A. S. Bronovitskiy, 20 pp.

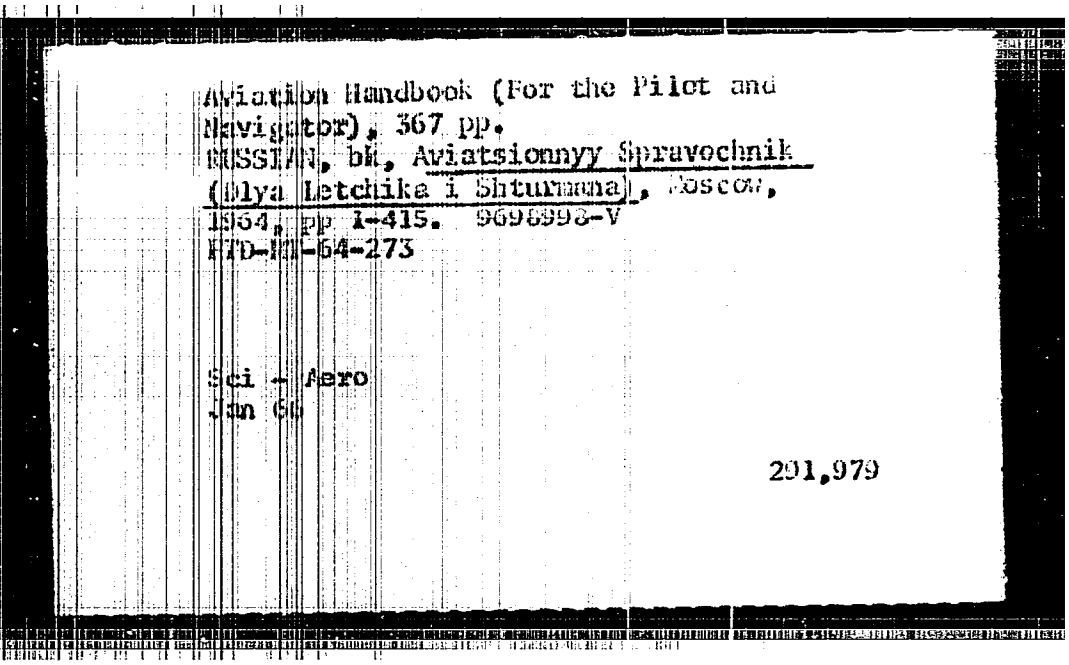
RUSSIAN, bk, Aviatsionnyy Spravochnik, 1963, pp 295-313.

*JPRS/NY-9209
Special

Sci - Aero
May 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



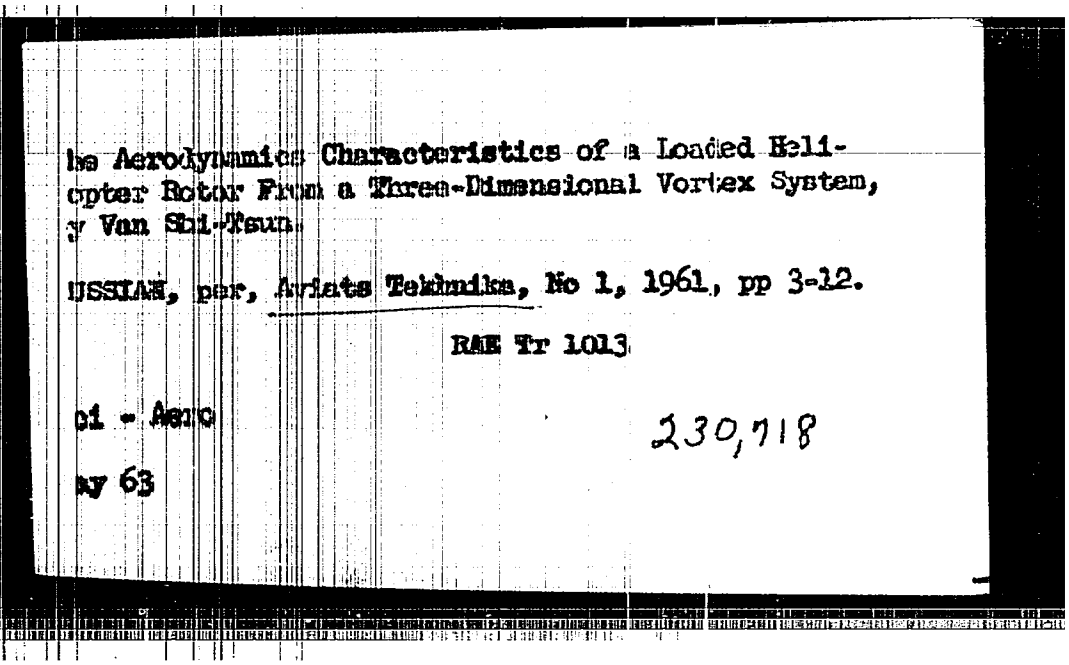
Aviation Handbook (For the Pilot and Navigator), 367 pp.
RUSSIAN, bk, Aviatsionnyy Spravochnik (Dlya Letchika i Shturmana), Moscow, 1964, pp 1-415. 9698998-V
FTD-HT-64-273

Sci - Aero
Jan 66

291,979

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



he Aerodynamic Characteristics of a Loaded Heli-
opter Rotor From a Three-Dimensional Vortex System,
y Van Shi-Yuan.

USSIAA, per, Aviata Tekhnika, No 1, 1961, pp 3-12.

RAE Tr 1013

01 - Aero

230,718

ay 63

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Some Problems in Missile Guidance (USSR),
by O. V. Grigoryeva, A. S. Kelzon.

RUSSIAN, per, Aviatsionnaya Tekhnika, No 4,
1961, pp 22-29.

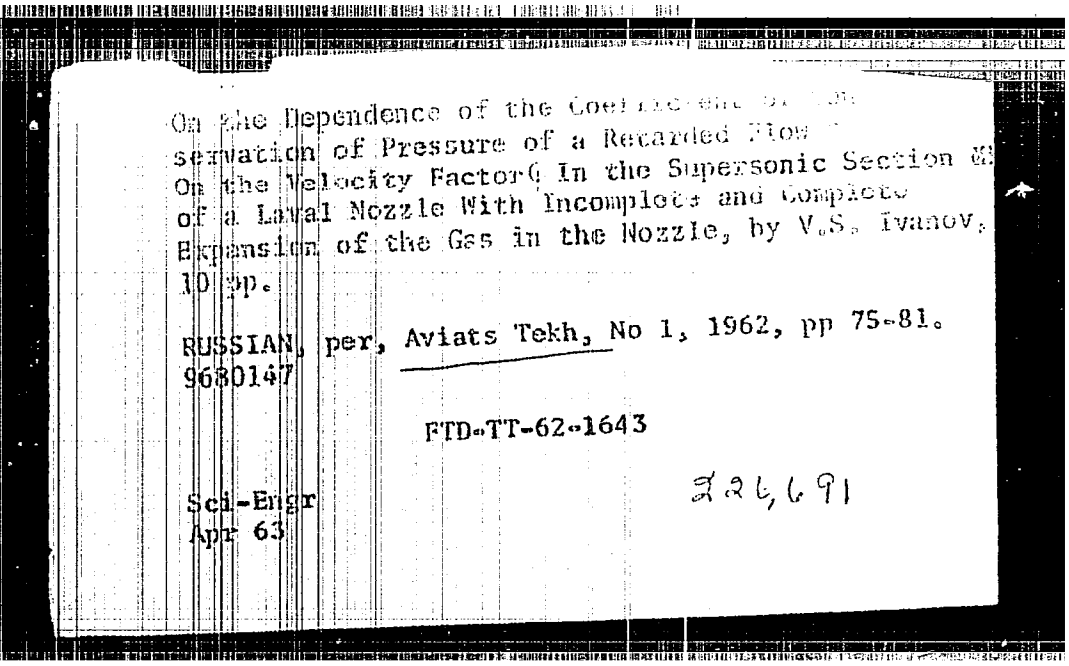
*FTD-TT-62-1683

Sci - Sp Research

Dec 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



On the Dependence of the Coefficient of Conservation of Pressure of a Retarded Flow On the Velocity Factor λ In the Supersonic Section of a Laval Nozzle With Incomplete and Complete Expansion of the Gas in the Nozzle, by V.S. Ivanov, 10 pp.

RUSSIAN, per, Aviats Tekh, No 1, 1962, pp 75-81.
9680147

FTD-TT-62-1643

Sci-Engr
Apr 63

326,691

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

News of Schools of Higher Education.
Aeronautical Engineering, 207 pp.

RUSSIAN, Mk, Aviatsionnaya Tekhnika, 1963,
pp 1-175. 9695117

FTD-MT-64-285
GOV'T USE ONLY

Sci - Engr
Oct 64

268,341

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Free Oscillations of Circular Conical and Cylindrical Shells Reinforced by Rigid Circular Ribs,
by V. G. Godzevich, O. V. Ivanova, 9 pp.
RUSSIAN, per, Aviat Tekh, No 1, 1964, pp 54-59.
NASA TT F-291

Sci-Math
Feb 65

274,930

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Free Oscillation of Circular Con & ~~Cyclical~~ Shells, etc., by V. G. Godzevich, O. V. Ivanova.

RUSSIAN, per, Aviats Tekh, No 1, 1964, pp 55-59.

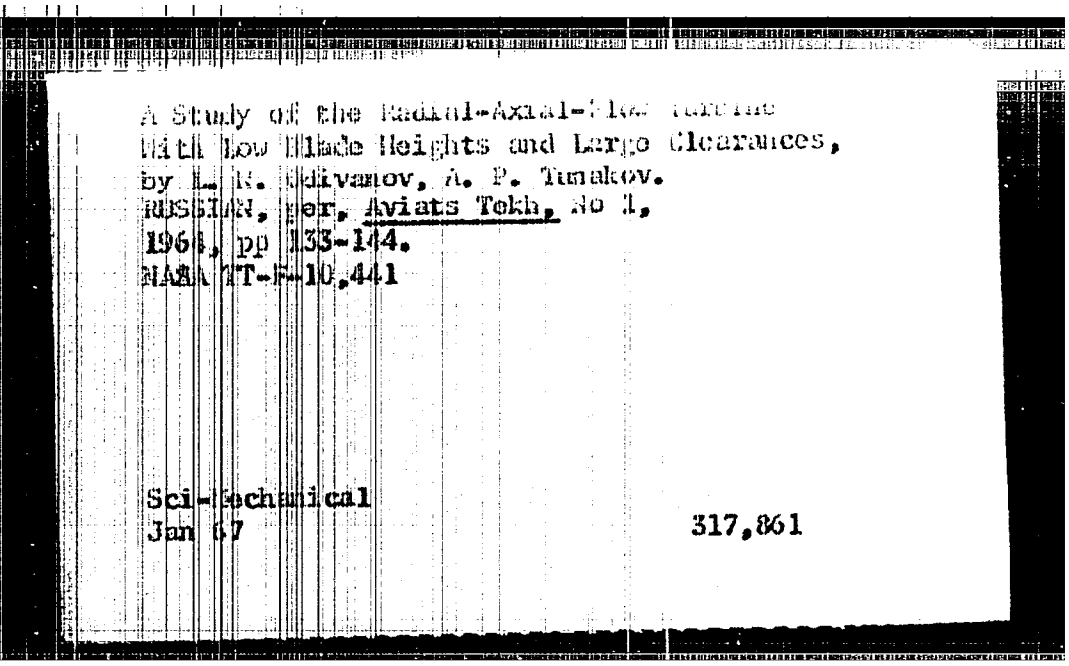
*JPRS

~~*AD-A[illegible]~~

Sci - Phys
Sep 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



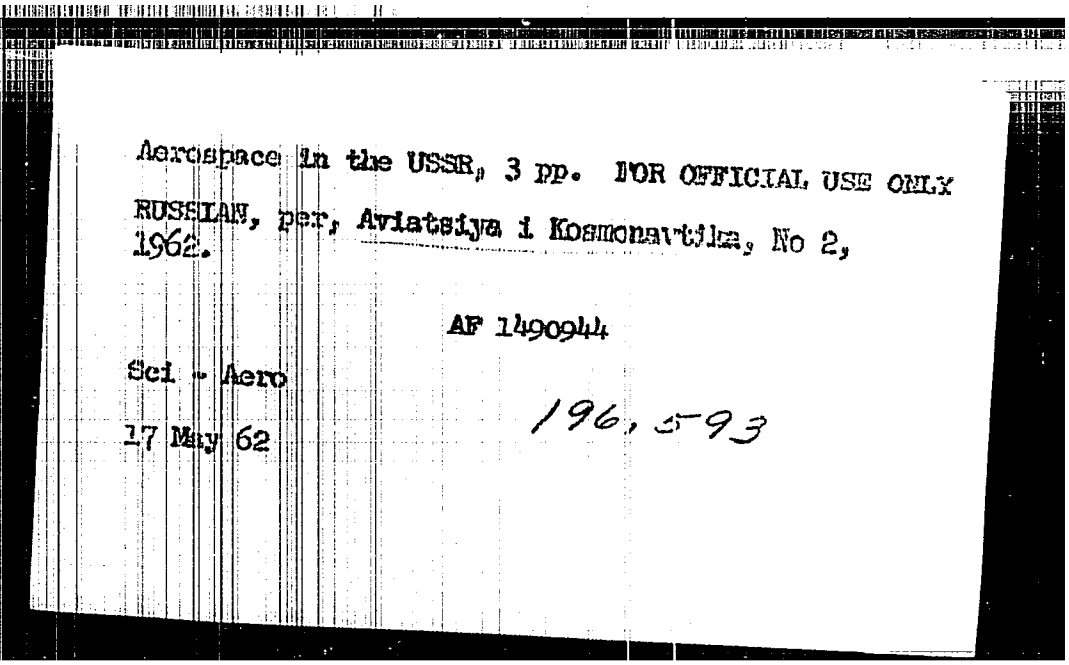
A Study of the Radial-Axial-Flow Turbine
With Low Blade Heights and Large Clearances,
by L. K. Ediyanov, A. P. Tunakov.
RUSSIAN, per. Aviats Tekh, No 1,
1964, pp 133-144.
NASA TT-F-10,441

Sci-Technical
Jan 67

317,861

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



Aerospace In the USSR, 3 pp. FOR OFFICIAL USE ONLY

RUSSIAN, per, Aviatsiya i Kosmonavtika, No 2, 1962.

AF 1490944

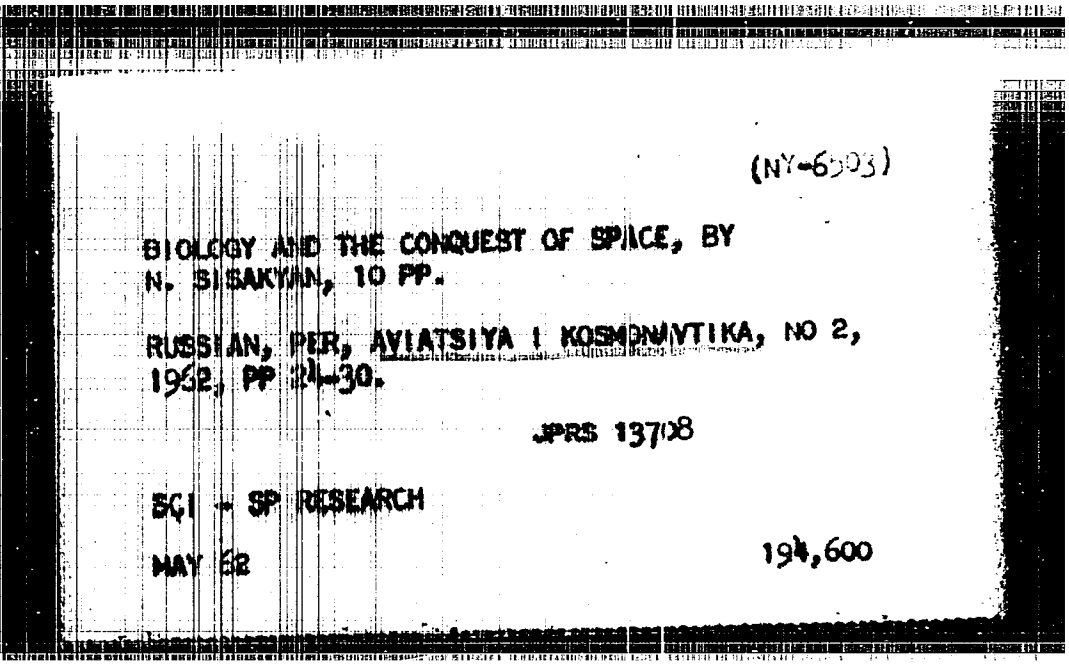
Sci - Aero

17 May 62

196, 5-93

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



(NY-6303)

BIOLOGY AND THE CONQUEST OF SPACE, BY N. SISAKYAN, 10 PP.

RUSSIAN, PER, AVIATSIYA I KOSMONAVTIKA, NO 2, 1962, PP 24-30.

JPRS 13708

SCI - SP RESEARCH

MAY 62

194,600

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Passive Radar, A. Nikolayev
RUSSIAN, per, Aviatsiya i Kosmonavtika, No 1, 1964,
pp 73-77.
NAVY/NISC-3347

Oct 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

The Today and Tomorrow of Cosmic Biology, by N. Sisakyan, 12 pp.

RUSSIAN pp. Aviats i Kosmonavtika No 1, 1963, pp 10-15. 9668573

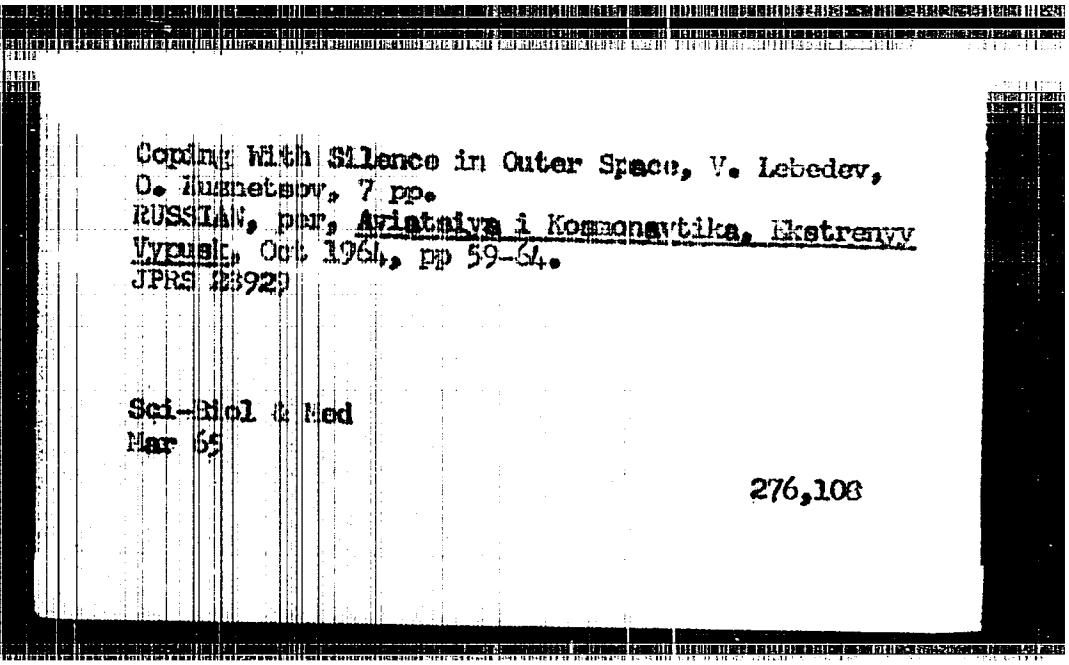
FTD-MT-63-18

Sci-Earth Sci & Astron
May 63

220,900

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



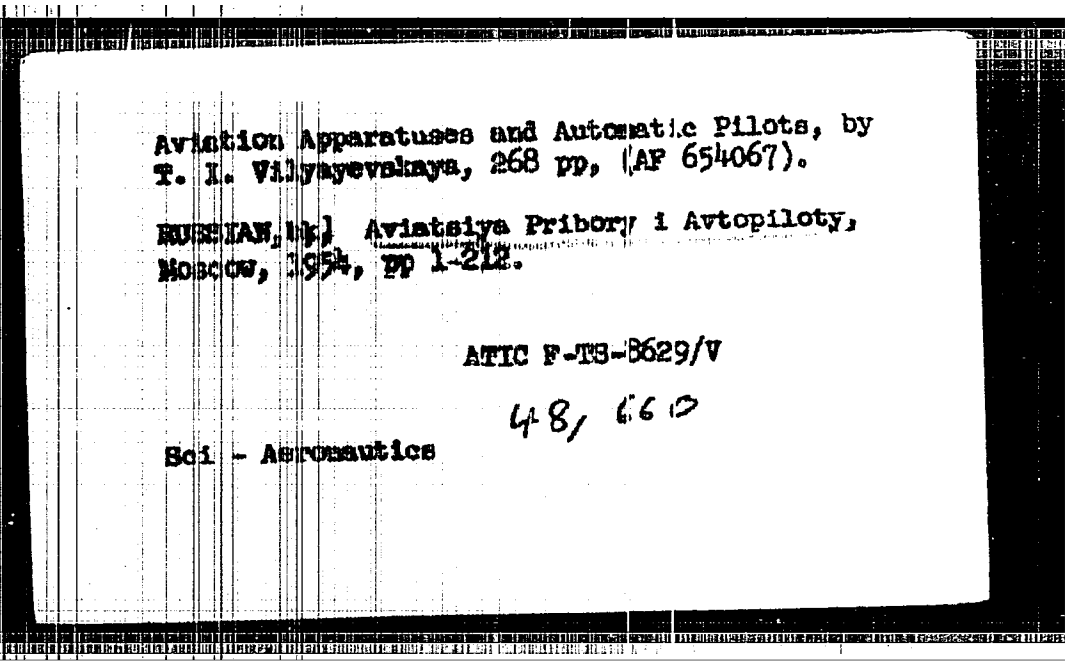
Coping With Silence in Outer Space, V. Lebedev, O. Tumetsov, 7 pp.
RUSSIAN, per, Aviatsiya i Kosmonavtika, Ekstrenyy Vypusk, Oct 1964, pp 59-64.
JPRS 28929

Sci-Biol & Med
Mar 65

276,108

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2



Aviation Apparatuses and Automatic Pilots, by T. I. Vilyayevskaya, 268 pp, (AF 654067).

RUSSIAN, bk] Aviatsiya Pribory i Avtopiloty, Moscow, 1954, pp 1-212.

ATIC F-TS-3629/V

48, 660

Sci - Aeronautics

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Winter Icing Under Conditions of
Ice-Formation, by G. Grunov, 7 pp.
KOSSIY, MK, Izvestiya I Priroda,
pp 1-2.
P100228368-V
FTD-TT-23-643-67

Sci/Aero
Sep 68

364,277

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Fiber Glass Panels for Heat Insulation of Aircraft Service Bays, by A. M. Krutikov, 6 pp.

RUSSIAN, per; Aviatsionnaya Prom, No 1, 1958, pp 7-9.

ATIC MCL 514/EU

Sci - Engr

Aug 60

123,867

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

The Organization of Worker Training for Higher Skill and Versatility in the Aircraft Industry, (Discussion), by A. A. Vasilyev, 14 pp.

RUSSIAN, per, Aviatsionnaya Prom, No 1, 1958, pp 67-71.

ATIC ~~MCL-514/III~~

Sci - Engr

Aug 60

123,858

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Heat-Resistant Alloy Filler for Brazing 1Kh18N9T Stainless Steel, by A. I. Gubin, 6 pp.

RUSSIAN, per, Aviatsionnaya Prom, No 2, 1958, pp 56-58.

ATIC MCL-5[illegible]/TH

Sci - Engr

Aug 60

123,841

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2

Improving the Efficiency of Machinery Used in Aircraft Production. Recommendations Regarding Determination of Optimum Tooling Requirements, by B. D. Beshelev, 6 pp. [illegible]

RUSSIAN, per, Aviatsionnaya Prom, No 2, 1958, pp 60-62. [illegible]

AF 1256056

Sci - Aero; Engr Pass AFIC [illegible]
Oct 59

98,930

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530025-2